Supplement to

Management Services in Government

May 1979 Volume 34 Number 2

Computer Installations for Government Departments

Civil Service Department
Central Computer Agency

Preface

Information about computers used by government departments for administrative and general, and scientific and technical purposes is published annually with the May issue of MANAGEMENT SERVICES IN GOVERNMENT; particulars of further orders are given in other quarterly editions.

Details of computers for administrative and general purposes installed and on order at 1st January 1979 are shown in Tables 1A and 1B, and similar information about computers for scientific and technical purposes is given at Tables 2A and 2B. Computers for scientific control systems and flight simulators are not included.

A computer for inclusion in these tables must:

(*a*) Operate under stored program control and use wholly digital representation.

(*b*) Cost at least £10,000.

(*c*) Not form part of processor-controlled keying equipment.

The total of computers installed for administrative and general purposes is 196, and a further 7 are on order. Corresponding figures for computers installed for scientific and technical purposes are 370 and 11.

Included in this supplement are a number of installed computers, in both the administrative and scientific categories, which were omitted from the 1978 supplement.

Keys to the abbreviations used under 'Department' (*column* 2) and 'Manufacturer' (*column* 5) are included at the last page.

The information contained in this supplement is provided by the Central Computer Agency. Inquiries should be addressed to Publications and Information Branch, C2, Central Computer Agency, Riverwalk House, 157–161 Millbank, London SW1P 4RT.

1A Computers for administrative and general purposes installed in departments as at 31st December, 1978

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
December 1964	ECGD	London	Statistics and accounts	IBM 1401G
February 1967	Defence (PE)	Glascoed	Production control	NCR 500
April 1967	Defence (PE)	Glascoed	Production control	NCR 500
May 1968	HO and Met. Pol.	London	Bureau work including traffic tickets	ICL 1905E
July 1968	PGO	Crawley	Pension payments and banking	ICL 4/50
September 1968	Defence (Central)	Cheadle Hulme	Ministry of Defence HQ bureau	ICL 1901
January 1969	Defence (PE)	Glascoed	Production control	2 × NCR
February 1969	Scottish Office	Edinburgh	Vote accounting payments	NCR 500
February/May 1969	DHSS	Newcastle	Pension payments, pay and statistics, family allowances	2 × ICL 4/70
May 1969	CSD	Norwich	Bureau work	ICL 1907F
June 1969	DHSS	Newcastle	Short-term benefits reconciliation	ICL 1901
September 1969	Defence (Central)	Hullavington	Stores codification and cataloguing	ICL 1904E
September 1969	Defence (Central)	Cheadle Hulme	Industrial civil pay and records	ICL 1904E
May 1970	Defence (Army)	Shrivenham	Instruction and research	ICL 1903A
August 1970	Defence (Central)	Cheadle Hulme	Industrial civil pay and records	ICL 1904E
February 1971	Defence (PE)	Chorley	Royal Ordnance Factories bureau	ICL 1902T
February 1971	Defence (Air)	Swanton Morley	Analysis of technical maintenance data	ICL 1904S
March 1971	Defence (Central)	Bath	Non-industrial civil pay and records	ICL 1904A
March 1971	Inland Revenue	Worthing	PRISM and statistics	ICL 1904A
March 1971	Inland Revenue	Liverpool	PAYE collection and accounting, etc.	ICL 1904A
April 1971	Defence (Air)	Northwood	Evaluation and research	ICL 1903A
May 1971	Transport	Swansea	Vehicle registration and licensing; driver licensing	ICL 4/70
June 1971	PGO	Crawley	Banking and pensions work	ICL 4/50
September 1971	Defence (Air)	Carlisle	Stores, stock control	ICL 1903A

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
October 1971	Trade	Newport	Trade census statistics and Business Statistics Office	ICL 1906A
October 1971	Defence (Navy)	Rosyth	Naval Base bureau service	ICL 1904A
December 1971	Defence (Navy)	Chatham	Naval Base bureau service	ICL 1904A
December 1971	Defence (Army)	Bicester	Stock control	ICL 1906A
February 1972	DHSS	Newcastle	Contribution records and graduated pensions	ICL 1906A
February 1972	Defence (Navy)	Devonport	Naval Base bureau service	ICL 1904A
February 1972	Inland Revenue	Worthing	PRISM and pay	ICL 1904A
February 1972	Defence (Army)	Berlin	Provisioning and stock control	ICL 1902A
April 1972	ECGD	London	Statistics, accounts, bank guarantees and long-term credits	IBM 1401B (Second-hand)
May 1972	Defence (Central)	London	Ministry of Defence HQ bureau	ICL 1907F
May 1972	Defence (Air)	Stafford	Stores, stock control	ICL 1903A
July 1972	Defence (Air)	High Wycombe	General ADP	ICL 1904S
July 1972	Home Office	Hendon	Police records	2 × Burroughs B6700
August 1972	Defence (Army)	Viersen	Stock control	ICL 1902S
August 1972	Defence (Navy)	Ensleigh	General naval stores system	ICL 1906A
August 1972	DHSS	Newcastle	Contribution records and graduated pensions	ICL 1906A
August 1972	Customs and Excise	Southend	Value Added Tax	ICL 4/72
August 1972	PWLB	London	Loan repayments	ICL 1901A
September 1972	Defence (Navy)	Faslane	Stock control	ICL 1903A
October 1972	Defence (Air)	Hendon	Stores	2 × ICL 4/72
October 1972	National Savings	Glasgow	Savings Bank	ICL 4/72
October 1972	National Savings	Lytham St. Annes	Premium Bond prize draw	2 × Honeywell 316
November 1972	Customs and Excise	Manchester	Betting duty control	BC(S)L Molecular 18
December 1972	Transport	Swansea	Vehicle registration and licensing; driver licensing	ICL 4/72
1972	Defence (PE)	Glascoed	Production control	2 × NCR 500

January 1973	HO and Met. Pol.	London	Pay and statistics; traffic tickets; prison records	ICL 1904A
February 1973	Transport	Swansea	Cheque reading and sorting for central licensing system	IBM System 3
March 1973	CSD	Chessington	Payroll accounting and staff records	ICL 1904S
March 1973	Defence (Air)	Hendon	Stores	ICL 4/72
March 1973	Environment	Hastings	Integrated accounting process	ICL 1906A
March 1973	Customs and Excise	Southend	Cheque reading and sorting for VAT scheme	IBM System 3
May 1973	CSD	Chessington	Civil Service personnel information retrieval and statistics (PRISM)	ICL 1904S
June 1973	Land Registry	Plymouth	Index of land charges	IBM 370/145
August 1973	DHSS	Reading	Unemployment benefit payments	2 × ICL 1904S
September 1973	DHSS	Newcastle	Graduated pensions records	ICL 1906A
October 1973	Transport	Swansea	Vehicle registration and licensing, driver licensing	ICL 4/72
October 1973	Cabinet Office/ Treasury	London	Econometric modelling, statistical research and progress development	Univac 1106
October 1973	British Museum	London	Information retrieval	HP 2100A
December 1973	Inland Revenue	East Kilbride	PAYE assessment accounting and collection for Scotland	ICL 1904S
December 1973	National Savings	Lytham St. Annes	Premium Savings Bonds and Stocks	ICL 4/72
January 1974	Defence (Air)	Kinloss	Aircraft servicing	ICL 2903
January 1974	Defence (Army)	Worthy Down	Pay and records of Army personnel	IBM 370/158
February 1974	Defence (Army)	Larkhill	Computer appreciation and elementary programming	Ferranti Argus 100R
March 1974	Defence (Central)	Bath	Pensions and accounts	ICL 1903T
March 1974	Home Office	Hendon	Police records	Burroughs B6700
June 1974	Defence (Army)	Hong Kong	Stores provisioning and stock control	ICL 1902A
June 1974	Customs and Excise	London	Tariff quota control	Digico Micro 16V
July 1974	DHSS	Fleetwood	Health Service superannuation duties and general departmental work for Blackpool Central Office	ICL 1904S
August 1974	National Savings	Glasgow	Savings Bank	ICL 4/72

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
September 1974	Defence (Army)	Woolwich	REME maintenance data and REME reliability studies	ICL 1904S
October 1974	Environment	Hastings	Payroll, etc.	ICL 1904S
November 1974	DHSS	Newcastle	Pensions statistics and family allowances	ICL 4/72
December 1974	Environment	Croydon	Architectural applications	DG Nova and Tektronix
January 1975	CSD	London	Bureau and PRISM	EAL Spacer
January 1975	Defence (PE)	Portsmouth	General ADP	Honeywell 61/58
March 1975	DES	Darlington	Educational statistics	ICL 1906A
March 1975	F & CO	London	Accommodation and services; bill paying and accounts; library	Olivetti DE 523
April 1975	Defence (Air)	Benson	Management of Electrical Engineering Instructions	ICL 2903
April 1975	Defence (Air)	Innsworth	Airmen's pay and records	Univac 1106
May 1975	Defence (Air)	St. Athan	Planning and control of aircraft servicing	ICL 2903
May 1975	Defence (Air)	Kemble	Planning and control of aircraft servicing	ICL 2903
June 1975	National Savings	Durham	Savings Certificates, urgent stream repayments	BC(S)L Molecular 18
June 1975	MAFF	Guildford	Bureau work	ICL 1904S
June 1975	Defence (Air)	Harrogate	Logistic control	ICL 2903
June 1975	OPCS	Titchfield	Population census and survey analysis	ICL 1906S
June 1975	Defence (PE)	St. Mary Cray	Processing and control of technical literature	GEC 40/80
June 1975	Home Office	Havant	Development of Dorset MIS	DEC PDP 11/35
July 1975	Defence (Navy)	Chatham	Production control	2 × Ventek 2200
July 1975	Defence (Navy)	Devonport	Production control	2 × Ventek 2200
July 1975	Defence (Navy)	Portsmouth	Production control	2 × Ventek 2200
July 1975	Defence (Navy)	Rosyth	Production control	2 × Ventek 2200
July 1975	Defence (Air)	Abingdon	Planning and control of aircraft servicing	ICL 2903

July 1975	Defence (Central)	Hullavington	Stores codification and cataloguing	2 × ICL 1904E
July 1975	Defence (Navy)	Eaglescliffe	Stores, stock control	Univac 494
September 1975	Defence (PE)	Bath	Design, procurement, support	DEC PDP 11/50
September 1975	Ordnance Survey	Southampton	General purpose, administration and cartographic	ICL 1906S
September 1975	Customs and Excise	Southend	Value Added Tax	ICL 4/72
September 1975	Defence (Navy)	Copenacre	Stock control	Univac 494
September 1975	Employment	Runcorn	Pay and statistics	ICL 1904S
November 1975	Environment	London	Financial statistics	ICL 1903A
December 1975	Defence (Navy)	Portsmouth	Naval Base bureau service	ICL 1904S
December 1975	F & CO	Cheltenham	Bureau, F & CO payroll	IBM System 360
1975	Industry	St. Mary Cray	Retrieval, stock control, index production	BC(S)L Molecular 18 Mk III
January 1976	Customs and Excise	Southend	Statistics	ICL 4/72
February 1976	Defence (Army)	Rheindahlen	General ADP	ICL 1902S
February 1976	MAFF	Cambridge	Crop variety trials	CTL Modular I
March 1976	Customs and Excise	Lytham St. Annes	Import duty deposit repayments	ICL Singer 1500
March 1976	DHSS	Newcastle	Contribution recording and benefit system	Grafix I
March 1976	Home Office	Corby	Supply and transport, stock control and statistics	MBM 7000
April 1976	MAFF	Guildford	Subsidy payments, payroll, statistics	ICL 1904S
April 1976	HO and Met. Pol.	London	Pay and statistics	ICL 1904S
June 1976	Defence (PE)	Nottingham	Production control, costing, payroll	ICL 2903
June 1976	Defence (Navy)	Gosport	Pay and records	ICL 1904A
June 1976	Transport	Swansea	Cheque reading and sorting	IBM System 3
July 1976	Defence (Air)	Innsworth	Pay and records	ICL 2970
July 1976	Environment	Croydon	Text editing	Ventek 1104
July 1976	ECGD	Cardiff	Statistics; accounts; bank guarantees; long-term credits	IBM 370/135
July 1976	Defence (Air)	High Wycombe	Command and control tasks	ICL 2903
August 1976	GRO (Scotland)	Edinburgh	Population statistics	ICL 1903A
September 1976	British Museum	London	Data collection and cataloguing	Varian V72
September 1976	DHSS	Reading	Unemployment benefit payments	ICL 1904S
September 1976	Defence (Navy)	Llangennech	Stores accounting	IBM 370/115

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
October 1976	Royal Mint	Glamorgan	Metal accounts; payroll; sales invoices and payments; general accounting, mail order fulfilment	ICL Singer 10
November 1976	Defence (Navy)	Devizes	Bureau West	ICL 2980
November 1976	DHSS	Livingston	Unemployment benefits	2 × ICL 1904S
November 1976	Cabinet Office/ Treasury	London	Econometric modelling, statistical records and progress development	Univac 1106
November 1976	Defence (Central)	Cheadle Hulme	Civilian pay and records	ICL 1903T
November 1976	Employment	Runcorn	Pay, statistics, Professional and Executive Register	ICL 1904S
December 1976	Industry	Eastcote	General ADP	ICL 1904S
December 1976	Energy	London	Oil well log analysis	2 × Wang 2200VP; Wang 2200T
1976	Defence (Army)	Larkhill	Computer appreciation	Varian 620L
1976	Industry	Teddington	Editing	DEC PDP 11/40
January 1977	Customs and Excise	Southend	On-line and batch CPT development	ICL 4/70
February 1977	PGO	Crawley	MICR control	IBM 370/115
March 1977	Inland Revenue	Liverpool	PAYE on-line pilot study	Honeywell 716
March 1977	Defence (Air)	Bracknell	Library service	DEC PDP 11/34
March 1977	Defence (Central)	London	Army manpower statistics	Prime 300
April 1977	PGO	Crawley	Pensions payments and banking	ICL 2970
May 1977	Defence (Air)	Sealand	Avionic direct exchange scheme	DEC PDP 11/34
May 1977	Defence (Air)	Hendon	Stores control	ICL 4/72
June 1977	Inland Revenue	Cumbernauld	Tax collection	ICL 2970
July 1977	PGO	Crawley	MICR control	IBM 370/115
August 1977	MSC	London	Message switch	Interdata 6/16
September 1977	DHSS	Livingston	Unemployment benefits	ICL 1904S
October 1977	Defence (PE)	Chorley	Production control, costing, payroll	ICL 1903T
October 1977	HO and Met. Pol.	London	Pay and statistics	2 × ICL 1904S
October 1977	DHSS	Newcastle	Pensions and payroll projects	ICL 2980
November 1977	DHSS	London	Provision of medical manpower statistics	ICL 2903

December 1977	Defence (Central)	London	Defence statistics	Prime 300
December 1977	Transport	Hemel Hempstead	Road accident statistics	ICL 2903
January 1978	CSD	Norwich	Payroll accounting	ICL 1905F
January 1978	Industry	East Kilbride	Central computing service	Univac 1100/21
February 1978	Industry	East Kilbride	Signal controller between mainframes microsystem and data communication	DEC PDP 11/03
February 1978	Defence (Army)	Bicester	Stock control	ICL 1904S
March 1978	PGO	Crawley	Pensions payments and banking	ICL 2976
March 1978	MSC	Portsmouth	Jobscan	GA 16/440
March 1978	Scottish Office	Edinburgh	General ADP in Scotland	IBM 370/148
March 1978	Home Office	Hendon	Police records	Burroughs Triple 7700
March 1978	CSD	Norwich	Management accounting for HMSO, and general purpose	ICL 2976
March 1978	Defence (Air)	Swanton Morley	Planning and control	ICL 4120
April 1978	Employment	Watford	Stores accounting	CMC Reality
April 1978	Home Office	London	Traffic data collection, software development	DEC PDP 11/34
April 1978	Defence (Army)	Chilwell	Stock control	ICL 2903
April 1978	Defence (Army)	Malvern	Data analysis	ICL 2903
April 1978	Defence (Navy)	Devizes	Bureau administrative operations	ICL 2980
April 1978	DHSS	Washington	Child benefit statistics	ICL 2980
May 1978	Defence (Army)	Malvern	Defects and modification records, MIS, tax editing	ICL 2903
May 1978	Defence (Air)	High Wycombe	System analysis	ICL 2904
June 1978	Inland Revenue	Shipley	Tax collection	ICL 2970
June 1978	Defence (PE)	Bath	Computer-aided design	DEC PDP 11/55
July 1978	Defence (Central)	Liverpool	Bill paying and accounts	ICL 1902T
August 1978	Environment	Hastings	Payroll	ICL 1904S
August 1978	Environment	Croydon	Building design	Tektronix 4014-1
September 1978	Defence (Army)	Worthy Down	Pay and records	IBM 3031
December 1978	Home Office	Stafford	Information retrieval	Ferranti Argus 700

1B Computers for administrative and general purposes on order as at 1st January, 1979

DATE OF ORDER	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
February 1978	Scottish Office	Edinburgh	General administrative computing	IBM 3032
March 1978	Defence (Navy)	Devizes	Bureau administrative operation	ICL 2980
May 1978	F & CO	London	Book-keeping and financial estimates	GEC 40/70
August 1978	DHSS	Newcastle	National Insurance contributions records, benefit records	2 × ICL 2980
September 1978	MSC	London	Accounting and on-line appraisal	CMC Reality/Royale
October 1978	MAFF	Lowestoft	Fish statistics, fisheries research	DG Nova 3/12

2A Computers for scientific and technical purposes installed in departments as at 31st December 1978

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
April 1962	Defence (Army)	Arborfield	Training and research	ICL 803B
May 1964	Defence (PE)	Christchurch	Laboratory data research	Elliott 920A
August 1964	Industry	Teddington	Scientific calculations	ICL KDF9
January 1965	Defence (Navy)	Teddington	Mathematical applications	ICL KDF9
November 1965	Industry	Teddington	Display research and spectrometry	Elliott 903B
December 1965–66	Defence (Army)	Slough	General scientific R & D	2 × Elliott 903
March 1966	Industry	Teddington	Programming research	ICL 4120
June 1966	Defence (PE)	Pyestock	General scientific research	DEC PDP 7
January 1967	Defence (Navy)	Alverstoke	On-line process control	DEC PDP 8S
January 1967	Defence (PE)	Christchurch	Laboratory data analysis	GEC Myriad
July 1967	Defence (PE)	Christchurch	Data reductions and general scientific research	ICL 4130
November 1967	Defence (PE)	Malvern	Data analysis	DEC PDP 9
November 1967	Defence (PE)	London	Data analysis	ICL 1901S
December 1967	Defence (PE)	Portsdown	Software development	Ferranti FM1600
December 1967	Defence (PE)	Malvern	Production of mapping displays	DEC PDP 7
December 1967	Defence (Navy)	Alverstoke	Information retrieval system	DEC Link 8
January 1968	Defence (Air)	Farnborough	Data analysis	HP 2116B
February 1968	Industry	Teddington	On-line recording	DEC PDP 8
May 1968	Defence (PE)	Bedford	Data analysis	ICL 4130
October 1968	Industry	Cambridge	Development of computer-aided design facility	DEC PDP 9
October 1968	Defence (PE)	Malvern	Circuit research	ICL 4130
October 1968	Defence (PE)	Bramshott	General scientific research	HIS DDP 516
December 1968	Defence (PE)	Farnborough	System research	IBM 1130
December 1968	Defence (Army)	Eskmeals	Data analysis	Elliott 920B

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
1968	Defence (PE)	Bedford	Wind tunnel data	Digico Micro 16S
1968	Defence (PE)	Fort Halstead	Production control	ICL 4130
1968	Defence (PE)	Farnborough	Research	5 × Ferranti Argus 400
1968	Defence (PE)	Aldermaston	Laboratory data analysis	Ferranti Argus 300
1968	Defence (PE)	Aldermaston	Graphical display	Datagraph SD 4060
1968	Defence (PE)	Aldermaston	Data logging	DEC PDP 8
February 1969	Defence (PE)	Waltham Abbey	General scientific research	Elliott 903C (Second-hand)
March 1969	Industry	Teddington	Message switching research	HIS DDP 516
March 1969	DAFS	Aberdeen	Fishery research, data logging	Elliott 920C
April 1969	Industry	Teddington	Research	HIS DDP 516
July 1969	Industry	Teddington	Pattern processing research	HIS DDP 516
July 1969	Environment	Crowthorne	General scientific work and road research	ICL 4/70
July 1969	Defence (Army)	Shoeburyness	Data analysis	Elliott 920
July 1969	Defence (Air)	Farnborough	General-purpose computing	IBM 1130
September 1969	Industry	Teddington	Scientific research	ICL KDF 9
December 1969	Industry	Teddington	Communication control	HIS DDP 516
December 1969	Defence (Army)	Feltham	Geodetic computations and processing of digitized mapping	ICL 1902A
1969	Defence (PE)	Teddington	Data analysis	Ferranti FM 1600B
1969	Defence (PE)	Aldermaston	Mass spectrography	CTL Modular I
1969	Defence (PE)	Aldermaston	General scientific computing	3 × HIS DDP 516
1969	Defence (PE)	Aldermaston	Data logging	DEC PDP 8L
January 1970	Defence (PE)	Malvern	Development of Coral 66	CTL Modular 1
January 1970	DHSS	Roehampton	Biomechanical research	Elliott 905
March 1970	Industry	Teddington	Display research and spectrometry	Elliott 905
May 1970	Defence (PE)	Bedford	Data analysis	ICL 4130
May 1970	Defence (PE)	Farnborough	General computing	IBM 1130
May 1970	Defence (PE)	Bedford	Wind tunnel data	HIS DDP 516
July 1970	Defence (Army)	London	Data analysis	Elliott 920

July 1970	Defence (Navy)	Teddington	Real-time analysis of experiments	HP 2116C
July 1970	Defence (Air)	Farnborough	Research	2 × Elliott 920C
July 1970	Defence (Air)	Farnborough	Research	Redifon 2000A
July 1970	Defence (Air)	Farnborough	Research	DEC PDP 10
July 1970	Defence (PE)	Malvern	Data logging	DEC PDP 11/20
July 1970	Defence (PE)	Christchurch	Data processing	2 × CTL Modular 1
July 1970	Defence (PE)	Christchurch	Laboratory data analysis	HIS DDP 316
July 1970–71	Defence (Air)	Bedford	Research	3 × HIS DDP 516
September 1970	Defence (PE)	Malvern	Research	CTL Modular 1
September 1970	Defence (PE)	Dunfermline	Structure research	IBM 1130
October 1970	Defence (Navy)	Fareham	Electrical engineering training	IBM 1130
October 1970	Industry	Stevenage	Engineering computing	IBM 1130
December 1970	Environment	Croydon	Construction analysis design and research	IBM 1130
1970	MAFF	Lowestoft	Fisheries research	DEC PDP 8/L
1970	Defence (PE)	Fort Halstead	Data analysis	ICL 4013
1970	Defence (PE)	Malvern	Production of mapping displays	DEC PDP 8
1970	Defence (PE)	Farnborough	Process control	2 × DEC PDP 8/1
1970	Defence (PE)	Aldermaston	Laboratory data analysis	HIS DDP 516
January 1971	Industry	Teddington	Remote file storage	HIS DDP 516
February 1971	Industry	Teddington	Man/machine interaction research	2 × CTL Modular 1
March 1971	MAFF	Aberdeen	Data logging analysis, general scientific work	IBM 1130
April 1971	Defence (PE)	Boscombe Down	Flight data analysis	HIS DDP 516
May 1971	Forestry Commission	Farnham	General scientific computing	IBM 1130
July 1971	Defence (PE)	Farnborough	General program work	HIS DDP 316
September 1971	Industry	Feltham	Scientific applications	HIS DDP 316
November 1971	Defence (PE)	Portland	General scientific work	ICL 1904S
November 1971	Defence (PE)	Farnborough	General research	ICL 1904A
November 1971	Industry	Teddington	Wind tunnel instrumentation	HIS DDP 516
November 1971	Defence (Navy)	Portland	Research	GEC 905/928
December 1971	Defence (Air)	Farnborough	Research	Ferranti Argus 500L
December 1971	Defence (Air)	Farnborough	Research	2 × GEC 102
December 1971	Defence (Air)	Bracknell	Meteorological research and forecasting	IBM 360/195
1971	Defence (PE)	Holton Heath	On-line analysis of trials data	HP 2100A

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
1971	Defence (PE)	Porton Down	General scientific computing	Digico Micro 16P
1971	Defence (PE)	Bedford	Research	HIS DDP 516
1971	Defence (PE)	Farnborough	Signals processing	HIS DDP 316
1971	Defence (PE)	Farnborough	Analysis of fatigue life research	MCS Mimic-1
1971	Defence (Navy)	Alverstoke	Process control	DEC PDP 8E
January 1972	Defence (PE)	Westcott	Systems simulation	IBM 1130
January 1972	Defence (PE)	Farnborough	General scientific research	DG Nova 1200
January 1972	Defence (Navy)	Portsdown	Weapons research	GEC 905
January 1972/73	Defence (Army)	Holton Heath	On-line monitoring and analysis of trials	2 × HP 2100A
May 1972	Industry	Teddington	Disc file system	HIS DDP 516
May 1972	Industry	Teddington	Remote job entry	HP 2100
May 1972	Industry	Cambridge	Communications project	DEC PDP 11/20
June 1972	Industry	Teddington	Graphic editing	DEC PDP 11/20
June 1972	Environment	Crowthorne	Conversion of data from recording devices	HP 2100
June 1972	Defence (Army)	Shrivenham	Training and research	DEC PDP 11/20
August 1972	Defence (PE)	Farnborough	Data analysis	HP 2100A
August 1972	Defence (PE)	Westcott	Research analysis	DEC PDP 11/20
November 1972	DHSS	London	Computer-aided design/development in health buildings	Elliott 905
December 1972	Environment	Wallingford	Hydraulics research	ICL 1904S
1972	Defence (PE)	Bedford	Data analysis	HP 2100
1972	Defence (PE)	Fort Halstead	Data analysis	HP 2100
1972	Defence (PE)	Teddington	Real-time analysis of experiments	HP 2100S
1972	Defence (PE)	Teddington	Real-time analysis of experiments	DEC PDP 11/15
1972	Defence (PE)	Teddington	Real-time analysis of experiments	HP 2100A
1972	Defence (PE)	Teddington	Real-time analysis of experiments	HP 2116C
1972	Defence (PE)	Glen Fruin	Data logging	DEC PDP 8/E
1972	Defence (PE)	Bishopton	Data analysis	Digico Micro 16P
1972	Defence (PE)	Aberporth	Data logger	Ferranti FM 1600B
1972	Defence (PE)	Aberporth	Digitizing analogue data	Arcturus 18C

1972	Defence (Air)	Cosford	Electronics training	Digico Micro 16V
1972	Defence (PE)	Waltham Abbey	General scientific research	HIS DDP 316
1972	Defence (PE)	Farnborough	High-speed data link	DG Nova 1200
1972	Defence (PE)	Farnborough	Data logging and analysis	DG Nova 1200
February 1973	Defence (PE)	Malvern	Data analysis	DEC PDP 15/20
February 1973	Defence (PE)	Pyestock	Data analysis	DEC PDP 11/10
March 1973	Defence (PE)	Farnborough	Analysis of airworthiness data	HIS DDP 516
March 1973	DAFS	Aberdeen	Fishery research data logging	Elliott 905
March 1973	Defence (PE)	Farnborough	Computer-aided design	DEC GT 40
March 1973	Defence (Navy)	Alverstoke	Data analysis	DEC PDP 11/20
March 1973	Defence (Navy)	Alverstoke	Data analysis	DEC PDP 11/40
April 1973	Defence (Navy)	Dartmouth	Training	DEC PDP 8M
April 1973	MAFF	'RV Cirolane'	Fisheries research	HP 2100A, including Magnovox SAT-NAV system
May 1973	Defence (Central)	West Byfleet	Operational research	ICL 1904S
May 1973	Defence (PE)	Teddington	Computer-aided ship design	DEC PDP 11/45
May 1973	Defence (PE)	Bedford	Simulation	RX Sigma 8
June 1973	MAFF	Lowestoft	Fisheries research (shipboard work)	HP 2100A
August 1973	Defence (PE)	Boscombe Down	Data analysis	RX Sigma 6
October 1973	ODM	London	Mass spectrometer	DEC PDP 8E
November 1973	Defence (PE)	West Drayton	Ship machinery control	DEC PDP 11/45
November 1973	Defence (PE)	Farnborough	Research	DEC PDP 11/45
December 1973	Industry	Teddington	Experimental research information service	2 × CTL Modular I
1973	Defence (PE)	Teddington	Real-time analysis	HP 5451B
1973	Defence (PE)	Teddington	Data analysis	2 × DEC PDP 11/40
1973	Defence (PE)	Teddington	Data analysis	Elliott 903
1973	Defence (PE)	Dunfermline	Structure research	DEC PDP 11/15
1973	Defence (PE)	Portsdown	Computer-aided design	DEC PDP 8E
1973	Defence (PE)	Pyestock	Performance simulation	2 × EAL Racer 100
1973	Defence (PE)	Waltham Abbey	Data analysis	HP 2100A
1973	Defence (PE)	Bedford	Analysis of wind tunnel data	Digico Micro 16V
1973	Defence (PE)	Christchurch	Laboratory data analysis	DG Nova 820
1973	Defence (PE)	Christchurch	Research	DEC PDP 11/40
1973	Defence (PE)	Farnborough	Data analysis	3 × DEC PDP 11/10

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
1973	Defence (PE)	Farnborough	Communications control	Gen. Radio 1923A
1973	Defence (PE)	Farnborough	Process control	2 × DEC PDP 8E
1973	Defence (PE)	Farnborough	Fourier analysis	HP 2100A
1973	Defence (PE)	Farnborough	Plant control and data logging	DEC PDP 11/05
1973	Defence (PE)	Aldermaston	Laboratory data analysis	5 × Comp. Auto. Alpha 16
1973	Defence (PE)	Aldermaston	Laboratory data analysis	DEC PDP 12/30
1973	Defence (PE)	Aldermaston	General scientific computing	DEC PDP 11/40
1973	Defence (Army)	Blandford	Training	2 × Arcturus 18D
February 1974	Energy	Sheffield	General research	2 × DEC PDP 8F
February 1974	Defence (Army)	Blandford	Signals training	2 × HP 3000
March 1974	Defence (Navy)	Manadon	Data logging of engine performance	Varian 620L
March 1974	Industry	Cambridge	Design research	Prime 300
March 1974	Industry	Cambridge	Design research	DEC PDP 11/20
March 1974	Energy	Sheffield	General research	Varian 620L
March 1974	Industry	Teddington	Marine research	HIS DDP 516
March 1974	Defence (Navy)	Cobham	Data analysis	Varian V72
April 1974	Defence (Navy)	Collingwood	Engineering training	DEC PDP 8F
April 1974	Defence (PE)	Bedford	Wind tunnel analysis	DEC PDP 11/20
April 1974	Defence (PE)	Farnborough	Research	DEC PDP 11/40
May 1974	Defence (PE)	Fort Halstead	Data analysis	ICL 1906A
June 1974	Defence (Air)	Bracknell	Meteorological research and forecasting	DEC PDP 11/40
July 1974	Defence (PE)	Westcott	General scientific research	ICL 1904S
August 1974	Defence (PE)	Chertsey	Vehicle research	ICL 1903T
August 1974	Defence (PE)	Coulport	Scientific research	CTL Modular I
September 1974	Defence (PE)	Farnborough	General computing	ICL 1906S
September 1974	Defence (Army)	Hebrides	Range safety data analysis	Ferranti FM 1600B
October 1974	Defence (Army)	Shrivenham	Training and research	DEC PDP 11/45
December 1974	Industry	Teddington	Printing/drawing	DEC PDP 11/50
1974	Defence (PE)	West Drayton	Modelling and analysis	DEC PDP 11/40
1974	Defence (PE)	Teddington	Real-time analysis	HP 2100S

1974	Defence (PE)	Teddington	Data analysis	DEC PDP 11/35
1974	Defence (PE)	Holton Heath	On-line analysis	HP 2100S
1974	Defence (PE)	Portsdown	Data logging	DEC PDP 11/05
1974	Defence (PE)	Portsdown	Data logging	Texas 980A
1974	Defence (PE)	Aberporth	Data analysis	ABS Multibus
1974	Defence (PE)	Farnborough	Process control	DEC GT44
1974	Defence (PE)	Farnborough	Communications control	DEC PDP 8/E
1974	Defence (PE)	Farnborough	Signals processing	CTL Satellite I
1974	Defence (PE)	Farnborough	Analysis of research data	DEC PDP 8/E
1974	Defence (PE)	Aldermaston	General scientific computing	IBM 370/168
1974	Defence (PE)	Aldermaston	Data logging	Digico Micro 16V
January 1975	Defence (Air)	Locking	Training	ICL 4130
January 1975	Defence (Air)	Bracknell	Meteorological research and forecasting	IBM 370/158
February 1975	Defence (PE)	Shoeburyness	Data analysis	Interdata M7/16
February 1975	MAFF	Lowestoft	Fisheries research (land-based work)	HP 21MX-E
February 1975	MAFF	Wye	Amino acid analysis	Digico Micro 16V
March 1975	Home Office	Glasgow	Police command and control system	Ferranti Argus 500
March 1975	Energy	Sheffield	General research	RX Sigma 6
March 1975	Defence (Navy)	Manadon	Training of engineering officers	RX Sigma 6
March 1975	Home Office	London	Allocation of frequencies for mobile and private radios	CDC 17
March 1975	Defence (PE)	Malvern	Development of Coral 66	GEC 4080
March 1975	Industry	Cambridge	Design research	Prime 300
March 1975	Environment	Reading	Hydrometric data processing	ICL 1904S
March 1975	Defence (PE)	Bedford	Wind tunnel data acquisition analysis	DEC PDP 11/40
April 1975	Industry	East Kilbride	Engineering research	Ferranti Argus 700S
April 1975	Industry	East Kilbride	Engineering research	Ferranti Argus 700T2
April 1975	Defence (PE)	Porton Down	On-line data analysis	Varian 620/L
May 1975	Energy	Sheffield	General research	DEC PDP 11/10
June 1975	Defence (PE)	Chertsey	Vehicle research	Interdata M70
June 1975	Industry	Cambridge	Design research	Prime 300
July 1975	Defence (Army)	Shrivenham	Training and research	DEC PDP 11/40
July 1975	Defence (PE)	Farnborough	Graphic facility for computer users	DEC PDP 11/40
July 1975	Home Office	Kidlington	Police intelligence data	Honeywell 6060
August 1975	Defence (Army)	London	Data analysis	GEC 40/80

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
August 1975	Defence (PE)	Farnborough	General scientific research	DEC PDP 11/45
December 1975	Defence (Central)	West Byfleet	Operational research	ICL 2970
1975	Defence (Navy)	Manadon	Graphics	Imlac PDS-4
1975	Defence (PE)	Teddington	Real-time analysis	DEC PDP 11/35
1975	Defence (PE)	Teddington	Real-time analysis	CTL Modular I
1975	Defence (PE)	Teddington	Analysis and software development	2 × HP 2100S
1975	Defence (PE)	Teddington	Data analysis	HP 2100A
1975	Defence (PE)	Teddington	Engineering inspection of components	DEC PDP 8/E
1975	Defence (PE)	Teddington	Process control	DEC PDP 8/J
1975	Defence (PE)	Holton Heath	On-line analysis	DEC PDP 11/05
1975	Defence (PE)	Portsdown	Computer-aided design	Imlac PDS-4
1975	Defence (PE)	Portsdown	Data logging	DEC PDP 11/40
1975	Defence (PE)	Chertsey	Analysis of data	DG Nova 1220
1975	Defence (PE)	Aberporth	Data logging	Varian V71
1975	Defence (PE)	Bedford	Data analysis	HIS DDP 316
1975	Defence (PE)	Bramshot	Processing test data	HIS DDP 516
1975	Defence (PE)	Fort Halstead	Data analysis	DG Nova 820
1975	Defence (PE)	Fort Halstead	Data analysis	HIS DDP 316
1975	Defence (PE)	Malvern	Interactive graphics	DEC XVM 200
1975	Defence (PE)	Malvern	Data analysis	2 × DG Nova 2/10
1975	Defence (PE)	Malvern	Software development	DEC 10
1975	Defence (PE)	Bedford	Data analysis	HIS DDP 316
1975	Defence (PE)	Farnborough	Process control	3 × DEC PDP 11/40
1975	Defence (PE)	Farnborough	Production control	DEC PDP 8F
1975	Defence (PE)	Farnborough	Telemetry DP	EMR 6130
March 1976	Environment	Croydon	Construction design and research	CTL Modular 1
April 1976	Defence (Army)	Blandford	Computer training and research	DEC KI10
May 1976	Defence (PE)	Farnborough	Control of response tests	Varian V72
May 1976	DHSS	London	Computer-aided design, development in health buildings	Ferranti Argus 700E
May 1976	Defence (Air)	Locking	Training	2 × Prime 300

May 1976	Defence (PE)	Malvern	Analysis of research data	CTL Modular 1
May 1976	Defence (PE)	Harefield	Data analysis	HP 21MX
May 1976	Defence (PE)	Pyestock	General scientific research	ICL 1904A
May 1976	Defence (PE)	Pyestock	General scientific research	DEC PDP 11/40
May 1976	Home Office	Horley	Allocation of frequencies for mobile and private radios	CDC 17
June 1976	Defence (Air)	Cranwell	General scientific and training	DEC 2040
June 1976	Defence (PE)	Aberporth	Data analysis	DEC PDP 15
August 1976	Defence (PE)	Farnborough	Computer-aided design	DEC PDP 11/34
August 1976	Defence (PE)	Farnborough	Research data analysis	DEC GT44
September 1976	Defence (Navy)	Manadon	Speech processing and digital filtering	DEC PDP 11/10
September 1976	Defence (Air)	Locking	Electronics training	DEC PDP 11/45
October 1976	Environment	Garston	General scientific	ICL 1904S
December 1976	Industry	Teddington	Editing	DEC PDP 11/40
December 1976	MAFF	Tolworth	Mass spectrometry	AEI DS50
1976	Defence (Navy)	Taunton	General scientific research	ICL 1903S
1976	Defence (Navy)	Portland	Data analysis	CTL Modular I
1976	Defence (Navy)	Taunton	Scientific calculations, chart issue/stock control	ICL 1903S
1976	Defence (PE)	Teddington	Data analysis	Imlac PDS 4
1976	Defence (PE)	Dunfermline	Construction research	Solartron 3366
1976	Defence (PE)	Chertsey	Data logging	DEC PDP 11/35
1976	Defence (PE)	Bedford	Data analysis	DEC PDP 11/10
1976	Defence (PE)	Fort Halstead	Data analysis	DEC PDP 11/10
1976	Defence (PE)	Malvern	Analysis research data	DEC PDP 11/40
1976	Defence (PE)	Malvern	Analysis research data	6 × DEC PDP 11/35
1976	Defence (PE)	Farnborough	Data analysis	DEC PDP 11/40
1976	Defence (PE)	Farnborough	General interactive graphics	DEC PDP 11/04
1976	Defence (PE)	Farnborough	Simulation and data logging	DEC GT 42
1976	Defence (PE)	Farnborough	Plant control and data logging	DEC PDP 11/05
1976	Defence (PE)	Farnborough	General research	DEC PDP 11/20
January 1977	Home Office	Stafford	Police command and control system	Ferranti Argus 700E; 2 × 700S
February 1977	Transport	London	Data collection/analysis and other research projects	Prime 300

ACCEPTANCE DATE	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[2] AND TYPE OF COMPUTER
February 1977	Defence (Navy)	Greenwich	Scientific and research training	Prime 400
February 1977	Defence (Army)	Woolwich	Data analysis	HP 2112A
March 1977	Home Office	Sandridge	Scientific applications	DEC PDP 11/34
March 1977	DAFS	Aberdeen	Fisheries research	DEC PDP 11/55
March 1977	Defence (PE)	Bedford	Runway lighting simulation	HIS DDP 716
March 1977	Defence (PE)	Chertsey	Data analysis and control	DG Nova 3/12
March 1977	Defence (PE)	Colchester	Computer-aided design	Prime 300
March 1977	Defence (PE)	Malvern	Research in non-numerical analysis and secretariat	ICL 1906S
March 1977	Transport	Crowthorne	Library and general scientific work	2 × Prime 400
April 1977	Defence (Army)	Feltham	Geodetic computing and processing of mapping data	ICL 1903A
June 1977	Defence (Army)	Arborfield	General scientific computing	DG Nova 3/12
June 1977	Defence (PE)	Chertsey	Analysis of trials	DEC PDP 11/34
June 1977	Industry	Teddington	Numerical analysis	GEC 4070
July 1977	Defence (PE)	Porton	General scientific usage	DEC PDP 11/34
September 1977	Industry	Warren Spring	General scientific computing	ICL 1902T
October 1977	CSD	London	Microprocessor workshop	DEC 11/34AB
October 1977	Home Office	London	Fingerprint system	Prime 500
October 1977	Defence (Navy)	Haslar	Hydro-dynamic research	Prime 300
November 1977	CSD	London	Teaching system programming for British Computer Society courses	DEC PDP 11/34
December 1977	Industry	Cambridge	Design research	DG Nova 3/12
1977	Defence (Army)	Sandhurst	Training	ICL 4130
1977	Defence (Army)	Shrivenham	Training and research	Interdata 8/32
1977	Defence (Army)	Catterick	CAMOL evaluation	ICL 2903
1977	Defence (PE)	Teddington	Real-time analysis	HP 5451B
1977	Defence (PE)	Cobham	Data analysis	DEC PDP 11/04
1977	Defence (PE)	Aberporth	Data analysis	ABS Multibus
1977	Defence (PE)	Fort Halstead	Simulation	DG Nova 3D
1977	Defence (PE)	Malvern	General research	DEC PDP 11/34

1977	Defence (PE)	Waltham Abbey	General scientific data	HP 1000/31
1977	Defence (PE)	Farnborough	System research	DEC PDP 11/55
January 1978	Industry	Teddington	Acoustics research	Prime 300
January 1978	Defence (Navy)	Alverstoke	Data analysis	Varian V76
February 1978	Defence (Navy)	Greenwich	Remote simulation displays	EAL 3200-3
February 1978	Defence (Navy)	Alverstoke	Environmental medicine unit	DG Eclipse S230
February 1978	Defence (Navy)	Manadon	Computer-aided design	Ferranti FM 1600D
March 1978	Defence (PE)	Farnborough	General scientific computing	DG Eclipse S230
March 1978	Defence (PE)	Porton Down	General scientific computing	SEL 32/35
March 1978	Industry	Cambridge	Design research	DEC PDP 11/20
March 1978	Industry	Cambridge	Design research	Prime 400
March 1978	DAFS	Marine Laboratory 'Explorer'	Fishery research	DEC PDP 11/34
March 1978	Defence (Air)	Bracknell	Training and research	ICL 2903
March 1978	Home Office	London	Development of command and control systems	GEC 40/70
March 1978	Environment	Borehamwood	Transferring work to 1904S at Garston	RC 3600 RJE
April 1978	Environment	Garston	Information retrieval, interactive graphia	2 × Prime 300
May 1978	Defence (Air)	Upavon	Stores, logistical deployment	ICL 2903
June 1978	Defence (PE)	Fort Halstead	General scientific computing	Varian 77-200
June 1978	Defence (PE)	Chertsey	Scientific project control	Digico 1603
June 1978	Defence (PE)	Farnborough	General scientific computing	ICL 7903
August 1978	Industry	Teddington	Numerical analysis	2 × GEC 40/70
October 1978	Industry	Cambridge	Developing software for computer-aided design	DEC PDP 11/34A
October 1978	Environment	Wallingford	General scientific computing	DEC PDP 11/34
October 1978	Defence (Air)	Cosford	Technical training	Prime 300
November 1978	Defence (PE)	London	Data analysis	SEL 32/35
December 1978	Defence (PE)	Farnborough	Graphics	DEC PDP 11/34
December 1978	Defence (Navy)	Teddington	Scientific research	ICL 2970

2B Computers for scientific and technical purposes on order as at 1st January, 1979

DATE OF ORDER	DEPARTMENT[1]	LOCATION	MAIN USES	MANUFACTURER[1] AND TYPE OF COMPUTER
February 1978	Home Office	Sandridge	Voice recognition	DEC PDP 11/60
June 1978	Defence (Air)	Halton	Pathology analysis	Wang 2200 VP-4
June 1978	Defence (PE)	Farnborough	Analysis of weather information	SEL 32/75
June 1978	Defence (Army)	Blandford	Operation real-time training	Ferranti Argus 701
June 1978	MAFF	Ardingley	Scientific research	DG Nova 3/12
August 1978	Defence (Army)	Shrivenham	Scientific research	DEC PDP 11/60
August 1978	Defence (Army)	Chatham	Training	HP 1000-45
September 1978	Home Office	Birmingham	Micro-probe analysis	DEC PDP 11/03
October 1978	Defence (PE)	Aldermaston	General scientific computing	Cray 1B
December 1978	Environment	Wallingford	Data concentrators	2 × DEC PDP 11/04

[1] **Department key** (*Column* 2)

CSD	Civil Service Department
DAFS	Department of Agriculture and Fisheries for Scotland
Defence (PE)	Ministry of Defence (Procurement Executive)
DES	Department of Education and Science
DHSS	Department of Health and Social Security
ECGD	Export Credits Guarantee Department
F & CO	Foreign and Commonwealth Office
GRO (Scotland)	General Register Office (Scotland)
HO and Met. Pol.	Home Office and Metropolitan Police
MAFF	Ministry of Agriculture, Fisheries and Food
MSC	Manpower Services Commission
ODM	Ministry of Overseas Development
OPCS	Office of Population Censuses and Surveys
PGO	Paymaster General's Office
PWLB	Public Works Loan Board

[2] **Manufacturer key** (*Column* 5)

ABS	Allied Business Systems Ltd.
AEI	GEC Computers Ltd.
Arcturus	Arcturus Electronics Ltd.
BC(S)L	Business Computers (Systems) Ltd.
Burroughs	Burroughs Machines Ltd.
CDC	Control Data Corporation
CMC	Computer Machinery Co. Ltd.
Comp. Auto.	CAI Ltd. (Computer Automation)
Cray	Cray Research (UK) Ltd.
CTL	Computer Technology Ltd.
Datagraph	Datagraphix Ltd.
DEC	Digital Equipment Co. (UK) Ltd.
DG	Data General Corporation
Digico	Digico Ltd.
EAL	Electronic Associates Ltd.
Elliott	GEC Computers Ltd.
Ferranti	Ferranti Ltd.
GA	General Automation Ltd.
GEC	GEC Computers Ltd.
Grafix	International Information Graphics Ltd.
HIS	Honeywell Information Systems Ltd.
Honeywell	Honeywell Information Systems Ltd.
HP	Hewlett Packard Ltd.
IBM	International Business Machines (UK) Ltd.
ICL	International Computers Ltd.
Imlac	Imlac International Ltd.
Interdata	Interdata Corporation
MBM	Midlands Business Machines Ltd.
MCS	Modular Computer Systems Ltd.

NCR	National Cash Register Co. Ltd.
Olivetti	British Olivetti Co. Ltd.
Prime	Prime Computers (UK) Ltd.
RC	Regnecentralen Ltd.
Redifon	Redifon Computers Ltd.
RX	Rank Xerox Ltd.
SEL	Systems Engineering Laboratories Computers Ltd.
Solartron	The Solartron Electronics Group Ltd.
Tektronix	Tektronix (UK) Ltd.
Texas	Texas Instruments Ltd.
Univac	Sperry Rand Ltd. (Univac Division)
Varian	Varian Associates
Ventek	Ventek Ltd.
Wang	Wang Electronics Ltd.